Military Institute of Science and

Technology Department of CE/EWCE

CE- 104 /EWCE-104 (Practical Surveying)

Field work plan: 19 Feb 2024

1. Determine the height of an Inaccessible tower using trigonometric survey. The object will be selected by your group in charge.

2. Determine the aerial distance between two towers. Select a new building/tower and calculate the aerial distance between this newly selected tower and the tower of which height already you have measured.

Survey Location:

Location will be fixed by the event in charge. Location will be within MIST/BUP campus.

Field Submission:

1. Calculation of determination of height of the tower with necessary sketches.
2. Calculation of determination of aerial distance between two towers with necessary sketches.